

## APPENDIX II

Gene	RefSeq (strain)	Disruption Reference
<i>ptsH</i>	NP_288977 (O157:H7 EDL933)	Gershanovitch VN <i>et al.</i> , Mol. Gen. Genet. 153:185-90 (1977)
	NP_416910 (K12)	
	NP_754832 (CFT073)	
	NP_311314 (O157:H7 str. Sakai)	
<i>ptsI</i>	NP_288978 (O157:H7 EDL933)	Hesterkamp T & Erni B, J. Mol. Microbiol. Biotechnol. 1:309-17 (1999)
	NP_416911 (K12)	
	NP_754833 (CFT073)	
	NP_311315 (O157:H7 str. Sakai)	
<i>crr</i>	NP_288979 (O157:H7 EDL933)	Saffen DW <i>et al.</i> , J. Biol. Chem. 262:16241-53 (1987)
	NP_416912 (K12)	
	NP_754834 (CFT073)	
<i>galP</i>	NP_289515 (O157:H7 EDL933)	N/A
	NP_417418 (K12)	
	NP_755404 (CFT073)	
	NP_311846 (O157:H7 str. Sakai)	
<i>glk</i>	NP_288958 (O157:H7 EDL933)	N/A
	NP_416889 (K12)	
	NP_754809 (CFT073)	
	NP_311295 (O157:H7 EDL933)	
<i>gapA</i>	NP_288215 (O157:H7 EDL933)	N/A
	NP_416293 (K12)	
	NP_754078 (CFT073)	
	NP_310515 (O157:H7 str. Sakai)	
<i>arcA</i>	NP_291014 (O157:H7 EDL933)	Alexeeva S <i>et al.</i> , J. Bacteriol. 182:4934-40 (2000)
	NP_418818 (K12)	
	NP_757334 (CFT073)	
	NP_313386 (O157:H7 str. Sakai)	
<i>ppc</i>	NP_290593 (O157:H7 EDL933)	N/A
	NP_418391 (K12)	
	NP_756769 (CFT073)	
	NP_312912 (O157:H7 str. Sakai)	
<i>btuR</i>	NP_287929 (O157:H7 EDL933)	N/A
	NP_415786 (K12)	
	NP_753639 (CFT073)	
	NP_309869 (O157:H7 str. Sakai)	
<i>yqhD</i>	NP_289588 (O157:H7 EDL933)	N/A
	NP_417484 (K12)	
	NP_755616 (CFT073)	
	NP_311922 (O157:H7 str. Sakai)	
<i>mgsA</i>	NP_286838 (O157:H7 EDL933)	Tötemeyer S <i>et al.</i> , Mol. Microbiol. 27:553-62 (1998)
	NP_415483 (K12)	
	NP_753025 (CFT073)	
<i>ackA</i>	NP_288870 (O157:H7 EDL933)	Yang YT <i>et al.</i> , Metab. Eng. 1:26-34 (1999)
	NP_416799 (K12)	
	NP_754724 (CFT073)	
	NP_312022 (O157:H7 str. Sakai)	
<i>pta</i>	NP_288871 (O157:H7 EDL933)	Yang YT <i>et al.</i> , Metab. Eng. 1:26-34 (1999)
	NP_416800 (K12)	
	NP_754726 (CFT073)	
	NP_311208 (O157:H7 str. Sakai)	

Gene	RefSeq (strain)	Disruption Reference
<i>aldA</i>	NP_287746 (O157:H7 EDL933)	This Study
	NP_415933 (K12)	
	NP_753743 (CFT073)	
	NP_310048 (O157:H7 str. Sakai)	
<i>aldB</i>	NP_290167 (O157:H7 EDL933)	This Study
	NP_418045 (K12)	
	NP_756270 (CFT073)	
	NP_312491 (O157:H7 str. Sakai)	
<i>edd</i>	NP_288288 (O157:H7 EDL933)	Bausch C <i>et al.</i> , J. Bacteriol. 180:3704-10 (1998)
	NP_416365 (K12)	
	NP_754156 (CFT073)	
<i>glpK</i>	NP_290555 (O157:H7 EDL933)	Schweizer HP <i>et al.</i> , Microbiology 143:1287-97 (1997)
	NP_418361 (K12)	
	NP_756732 (CFT073)	
	NP_312878 (O157:H7 str. Sakai)	
<i>glmA</i>	NP_290582 (O157:H7 EDL933)	Altaras NE & Cameron DC, Appl. Environ. Microbiol. 65:1180-85 (1999)
	NP_418380 (K12)	
	NP_756758 (CFT073)	
	NP_312901 (O157:H7 str. Sakai)	

N/A = not applicable